GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:6563
ANSWERED ON:09.05.2002
TIDAL POWER POTENTIAL
BHARTRUHARI MAHTAB;RAMESH CHENNITHALA;SANAT KUMAR MANDAL

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the details of tidal power potential in the country, State-wise;

(b) the installed capacity thereof;

(c) the capacity of power generated from tidal turbines, especially in Kerala & West Bengal;

(d) the steps proposed to be taken to step up the use of tidal power; and

(e) the total amount spent for these purposes in the States?

Answer

MINISTER OF STATE OF THE NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): Gulf of Kutch with nearly 3000 MW and Gulf of Cambay with nearly 12,000 MW in Gujarat and Delta of Ganga in Sundarban area of West Bengal with nearly 25 MW tidal power potential are three potential sites in the country for tidal power generation.

(b)&(c): No tidal power plant has been installed in the country so far.

(d)&(e): The Ministry, after carrying out a Feasibility Study, have got prepared a Detailed Project Report through West Bengal Renewable Energy Development Agency, Kolkata for a 3 MW capacity Tidal Power Plant proposed to be set up at Durgaduani Creek in Sundarban area of West Bengal. An amount of Rs. 98.00 lakh has been spent on the activities at this site. Based on the recommendations of the Detailed Project Report, the proposal for the country`s first tidal power plant is being processed by the Ministry. The experience gained in this project would be utilized in developing other potential sites for tidal power generation in the country.